

## **ABSTRACT**

An electrostatic discharge system for a road vehicle including an electrically conducting conductor element in electrical contact with an electrically conducting part of the vehicle body, an actuator mountable to the vehicle and adapted for selectively and reversibly moving the conductor element between a deployed position and a retracted position, and a controller operatively connected to the actuator and to a user interface and adapted for controlling operation of the actuator responsive to an interaction with the user interface, wherein in the deployed position the conductor element is in contact with the ground such as to provide an electrical pathway for electric charge from the electrically conducting part of the vehicle body to the ground, and wherein in the retracted position the conductor element is distanced from the ground such as to interrupt the electrical pathway.